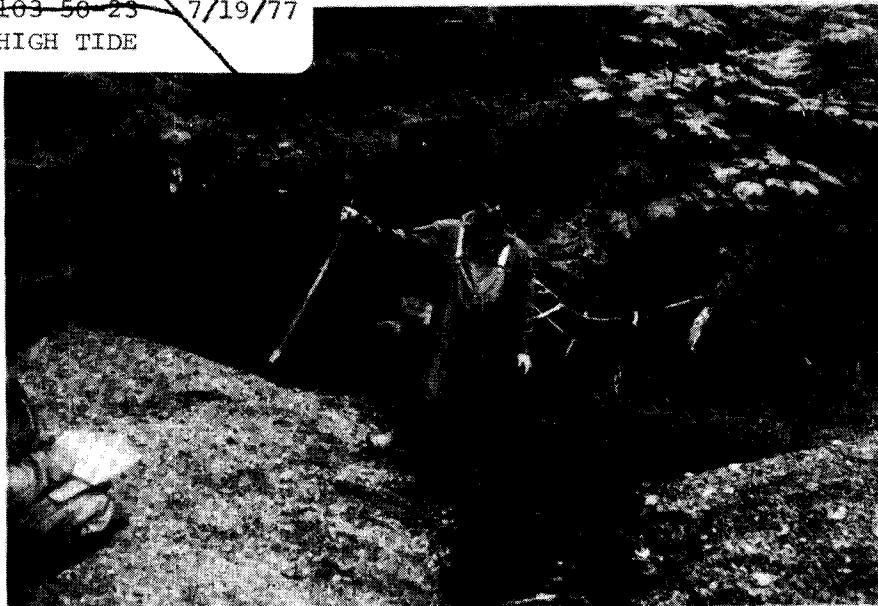


~~103 50 23~~ 7/19/77  
HIGH TIDE



103-50-10220

Name: \_\_\_\_\_  
Latitude: 55° 20' 54" S  
Longitude: 133° 14' 42" W  
Geodetic Map No: Craig B-4 (22)  
Location: South shore of Port Estrella,  
18 mile west of head, west coast Prince  
of Wales Island

Catalog No: 103-50-22  
Former Stream No: FWS 13A  
Work Area: Ketchikan  
Watershed Length: 1.7 miles  
Drainage Area: 1.3 square miles  
Water Supply Type: runoff from forested  
land

Trails & Survey Routes: The streambed is relatively easy to walk for the distance surveyed.

Aerial Survey Notes: mouth and intertidal counts to the forks

Anchorage: in Port Estrella near the stream mouth

Tide Stage when Surveyed: low

#### RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):  
pink, chum, and coho fair rearing for coho

"a very small creek that produces a good return for its size; coho and chum." Fisheries Research Institute Stream Surveys 1951.

Spawning area: 731 meters<sup>2</sup> 109 meters<sup>2</sup> intertidal

Schooling Areas: (150' X 13' X 60% ASA), 65 meters<sup>2</sup> right fork (235' X 6' X 50% ASA), at the mouth and below the forks. 557 meters<sup>2</sup> left fork (1000' X 10' X 60% ASA)

Spawning Areas: the best spawning areas seem to be near the forks and above the braided area on the main stem.

SHELLFISH POTENTIAL: clams and mussels abundant near the stream mouth, dungeness crab present in Port Estrella

SPORT FISHERIES: the sport fishing potential is low, limited by the small stream size.

LAND USE (history, present, proposed): there is a large abandoned scow and an old trolling boat above high tide near the stream mouth. a portion of the trees to the east of the stream have been clearcut.

REHABILITATION POTENTIAL: none needed. Presently, the braided section on the left fork has the potential of becoming a logjam area.

SOILS: the right hand fork is relatively stable, however the left fork has several significant unstable bank sections

GAME RESOURCES (species, use, habitat): observed one black bear

Weather - overcast  
 Tide - low  
 Temp. air -  $57^{\circ}$   
 Temp. water -  $51^{\circ}$   
 pH - 7.75  
 Water - light brown, clear  
 Flow - Left fork 7 cfs  
 Right fork 3 cfs

Continues in a similar  
 manner for at least 150'  
 Becomes overgrown  
 with salmonberry &  
 current bushes

103-50-22  
7/14/77  
Larson

P/R 60/40  
10% slopes

10 coho fry

50% ASA

20% small boulders  
10% cobbles  
70% gravel

Stream guide  
12' wide channel

7 cfs

average width 4-6'  
depth - 4"  
1' falls  
good rearing areas  
boulders

600' ↑

25M

exposed patches of blue clay

↓ 577'

1.5' slightly undercut banks  
60% slopes for 25' 5' beyond  
1 black bear

20M

4% stream gradient

1.5' falls

High tide mark

\* 577'

3 cfs  
boulders, small cascade area  
3' wide

25M

↓ 479'

10' wide  
10% small  
boulders  
70% cobbles  
20% gravel

60% ASA

20M

spruce & hemlock

Old scow  
Remains of old  
troller

↓ 330'  
100M

13' wide

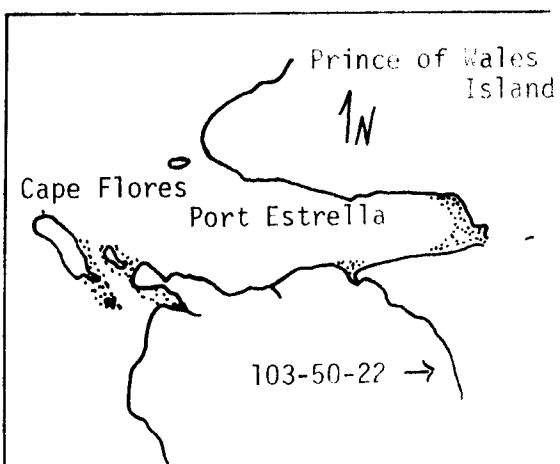
4" deep

cobbles and gravel

sparse fucus

abundant clams  
& mussels

eelgrass  
- 48 -



STREAM LOCATIONS

Subdistrict 103-50  
(Including outside Suemez Island 104-30)

